

US EPA RECORDS CENTER REGION 5



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MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
ENVIRONMENTAL LABORATORY

JAN 5 1998

12/23/97

REPORT Environmental Response Div.LABORATORY WORK ORDER # 97-11-029TO Mason BuildingWORK ID ALBION SHERIDANLansing, MI 48909P.O. # **COST \$ 681.60RECEIVED 11/06/97 CLIENT ER SUPERREPORTED NUMBER OF SAMPLES 4LAB CONTACT IN MATRIX WATERATTN MARGIE FRISCH*Rose Lake*

TEST	MW 16 SB	MW 09 SB	MW 09SB DUP	SATTLER
UNITS				
Silver by Furnace - Diss. ug/l (Diss)	K 0.5	K 0.5	K 0.5	K 0.5
Arsenic by Furnace - Diss. ug/l (Diss)	3.7	5.0	1.4	K 1.0
Barium - Dissolved ug/l (Diss)	240	316	318	65
Cadmium by Furnace - Diss. ug/l (Diss)	K 0.2	K 0.2	K 0.2	K 0.2
Chromium by Furnace - Diss ug/l (Diss)	K 1.0	K 1.0	K 1.0	K 1.0
Copper by Furnace - Diss. ug/l (Diss)	K 1.0	K 1.0	K 1.0	K 1.0
Mercury - Dissolved. ug/l (Diss)	K .2 HT	K .2 HT	K .2 HT	K .2 HT
Lead by Furnace - Diss. ug/l (Diss)	K 1.0	K 1.0	K 1.0	K 1.0
Selenium - Dissolved ug/l (Diss)	K 1.0	K 1.0	K 1.0	K 1.0
Zinc - Dissolved ug/l (Diss)	K 4.0	5.0	K 4.0	12

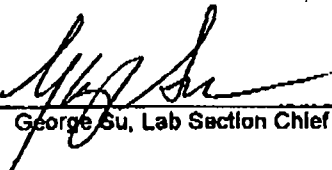
Report prepared By:

D. Hartig 12-23-97

MICHIGAN DEPARTMENT OF
ENVIRONMENTAL QUALITYENVIRONMENTAL LABORATORY
PROCEDURENO: PD-13
DATE: Rev. 10/9/95**Subject: Laboratory Result Remark Codes**

- A** value reported is the mean of two or more determinations.
- C** value calculated from other independent parameters.
- J** estimated value or value not accurate.
- K** actual value is known to be less than the value given, i.e. substance, if present, is below detection limit.
- L** actual value is known to be greater than the value given.
- T** value reported is less than criteria of detection.
- W** value observed is less than lowest value reportable under "T" code.
- DL** sample analyzed using a dilution(s).
- DM** dilution required due to matrix problems.
- HT** recommended laboratory holding time was exceeded before analysis.
- LH** Q. C. indicated possible low recovery. Actual level may be higher.
- LL** Q. C. indicated possible high recovery. Actual level may be lower.
- MM** analytical method or matrix is not within SOP of this laboratory.
- NC** no confirmation by a second technique.
- NH** non-homogeneous sample made analysis of a representative sample questionable.
- PI** possible interference may have affected the accuracy of the laboratory result.
- QC** quality control problems exists.
- RB** Reagent Blank. The level of reagent blank contamination is reported in the comment column and may be subtracted from the analyte value by the user.
- ST** recommended sample collection/preservation technique not used.
- ACC** laboratory accident resulted in no obtainable value.
- FCN** free cyanide was not analyzed due to low level of total cyanide.
- INT** interference encountered during analysis resulted in no obtainable value.
- IST** Improper sample collection/preservation. Sample not suitable for analysis.
- NAV** requested analysis not available.
- QNS** quantity not sufficient to perform requested analysis.
- STR** settleable residue was not analyzed due to low suspended solids.

Approved by:


George Su, Lab Section Chief10/17/95
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Codes.doc